

FIGURE 1A.

5 ATGTCAC TGA AAAACGAGCC ACGGGTAAAT ACCTCTGCAC TGCAGAAAT TGCTGCTGAC ATGAGTAATA 70
 TCATAGAAAA TCTGGACAGC CGGGAAC TCC ACTTTGAGGG AGAGGAGGTA GACTACGAGC TGCTCCCCAG 140
 CGATCCCAAG ATACAGAAG TGTATATCCC TTCTCTGCT ATTATAACA CTCAGAAGATT TAAGGAGCCT 210
 10 AATATACAGA CGTATCTCTC CGGCTGTCCA ATAAAGACAC AAGTTCTGGA AGTGGAAAGC TTCACATCTA 280
 CAACAGGGT ACCAAGTATT AATCTTTACA CTATTGAATT AACACATGGG GAATTTAAAT GGCAGTTTAA 350
 GAGGAATTC AAGCATTTTC AAGAAATTCA CAGAGAGCTG CTCAGTACA AAGCCTTTAT CCGCATCCCC 420
 15 ATTCCCACTA GAAGACACAC GTTTAGGAGG CAAAACGTCA GAGAGGAGCC TCGAGAGATG CCCAGTTTGC 490
 CCGSTTCATC TGAAAACATG ATAAGAGAAG AACAACTCCT TGGTAGAAGA AAACAAC TGG AAGATTACTT 560
 20 GACAAAGATA CTAAAATATG CCATGTATAG AAATCATCAT GCCACAACAG AGTTTCTTGA TATAAGCCAG 630
 CTGTCTTTCA TCCATGATT GGGACCAAG GGCATAGAAG GTATGATAAT GAAAGATCT GAGGAGCACA 700
 GAATACCAAG CTGGAATTGC TGTGCTCAGG GAAGAGCCTG CTCAGATGG TCAAAAAGAT GGTTAATAGT 770
 25 GAAGATTCC TTTTATTTGT ATATGAAACC AGACAGCGGT GCCATTGCCT TCGTCTGCTG GGTAGACAAA 840
 GAATCAAAA TTAAGGTGGG GAAGAGGAG ACAGAAACGA AATATGGAAT CCGAATTGAT AATCTTTCAA 910
 30 GGACACTTAT TTTAAAATGC AACAGCTFATA GACATGCTCG GTGCTGGGGA GGGCTATAG AAGAACTTAT 980
 CCAGAAACAT GGCACCAACT TTCTCAAGA TCATCGATT GGTCTATATG CTGCTATCCA AGAAGATGCT 1050
 35 TTAGCTAAAT GGTATGTTAA TGCCAAAGGA TATTTTGAAG ATGTGGCAAA TGCAATGGAA GAGGCAATG 1120
 AAGAGATTTT TATCACAGAC TGGTGGCTGA GTCCAGAAAT CTCTCTGAAA CGCCCATGGG TTGAGGGAAA 1190
 TCGTTGGAGG TTGAGCTGCA TTCTTAAACG AAAAGCACAA CAAGGAGTGA GGATCTTCAT AATGCTCTAC 1260
 40 AAAGAGGTGG AACTCGCTCT TGGCATCAAT AGTGAATACA CCAAGAGGAC TTGATGCGT CTACATCCCA 1330
 ACATTAAGGT GATGAGACAC CCGATCATG TGTATCCAC CGTCTATTGG TGGCTCACC ATGAGAAGCT 1400
 TGTCTATATT GACCAATCGG TGGCCTTTGT GGGAGGGGATT GACCTGGCCT ATGGAAGGTG GGACGACAT 1470
 45 GAGCACAGAC TCACAGACGT GGGCAGTGTG AAGCGGTGTA CTTCCGAGCC GTCTCTGAGT TCCTCCAC 1540
 CTGCCGCAAT GGAATCTATG GAATCTTTAA GACTCAAAGA TAAAAATGAG CTTGTTCAA ACTTACCCTAT 1610
 50 CCAGAAGAGT ATTGATGATG TGGATTCAA ACTGAAAGGA ATAGGAAGAC CAAGAAGTT CTCRAAATT 1680
 AGTCTCTACA AGCAGCTCCA CAGGCACCAC CTGCACGAC GAGATAGCAT CAGCAGCAT GACAGCACCT 1750
 CCAGTTATTT TAATCACTAT AGAAGTCATC ACAAATTTAT CCATGTTTAA AAACCCCATC TCAACTCTT 1820
 55 TCACCGTCC AGTGAAGCTG AGCAAGGACT CACTAGACCT CATGCTGATA CCGGGTCCAT CCGTAGTTTA 1890
 CAGACAGGTG TGGGAGAGCT GATGTTGGAA ACCAGATTCT GGCATGGAAA GGAATCTGCT AATTCTGCT 1960
 60 TCAAGAGACT GGTCAACTT GATAAACCTT TTGCTGATT CATGACAGG TACTCCAGC CCGGATGCC 2030
 CTGGCATGAC ATTGCTCTG CAGTCCACGG GAAGGGGCTG CGTGATGTGG CAOTCACTT CATCCAGCGC 2100
 65 TGGAACTTCA CAAAATTTAT GAATCAAAA TATCGGTCCC TTCTTATCC TTTCTGCTT CCAAAGCTC 2170
 AAACAACAGC CCATGAGTTG AGATATCAAG TGCTGGGTC TGTCCATGCT AACGTACAGT TGCTCGCTG 2240
 TGCTGCTGAT TGGTCTGCTG GTATAAAGTA CCAATGAAGT TCCATCCAGC CGCTCACTGT CCATGTGATA 2310
 70 GAGAACAGCA GGCACATAT CTATATCGAA AACCAATTTT TCATAAGCTG TGCTGATGAC AAGTTGTGT 2380

FIGURE 1B.

5 TCAACAAGAT AGGCGATGCC ATTGCCAGA GGATCCTGAA AGCTCACAGG GAAAACCAGA AATACCGGGT 2450
ATATGTCTGT ATACCACTTC TGCCAGGGTT CGAAGGAGAC ATTCAACCG GCGAGGGAAA TGCTCTACAG 2520
GCAATCATGC ACTTCAACTA CAGAACCATG TGCAGAGGAG AAAATTCCAT CCTTGGACAG TTTAAAGCAG 2590
10 AGCTTGGTAA TCAGTGGATA AATTACATAT CATTCTGTGG TCTTAGAACA CATGCAGAGC TCGAAGGAAA 2660
CCTAGTAACT GAGCTTATCT ATGTCCACAG CAAGTTGTTA ATTGCTGATG ATAACACTGT TATTATTGGC 2730
TCTGCCAACA TAAATGACCG CAGCATGCTG GSAAGCCTG ACAGTGAAAT GGCTGTCAIT GTGCAAGATA 2800
15 CAGAGACTGT TCCTTCAGTA ATGGATGGAA AAGAGTACCA AGCTGGCCGG TTTGCCCGAG GACTTCGGCT 2870
ACAGTGCTTT AGGGTGTCC TTGGCTATCT TGATGACCA AGTGAGGACA TTCAGGATCC AGTGAGTGAC 2940
20 AAATTCTTCA AGGAGGTGTG GGTTCACAA GCAGCTCGAA ATGCTACAAT TTATGACAGG GTTTCCGGT 3010
GCCTTCCCAA TGATGAAGTA CACAAATTAA TTCAGCTGAG AGACTTTATA AACAGCCCG TATTAGCTAA 3080
25 GGAAGATCCC ATTGAGCTG AGGAGGAAGT GAAGAAGATC CGTGGATTIT TGGTGCAATT CCCCTTTTAT 3150
TTCTTGCTG AAGAAAGCCT ACTGCCCTTCT GTTGGGACCA AAGAGGCCAT AGTGCCCATG GAGGTTTGGA 3220
CTTAA 3225
30

FIGURE 2.

5 MSLJNEPRVN TSAIQKIAAD MSNIENLDT RELHFBGEEV DYDVSPSPDK IQEVIYPFSA IYNTQGPKBP 70
NIQTYLSGCP IKAQVLEVER FTSTTRVPSI NLYTIELTHG EFKMQVKRKF KHFQEPHREL LKYKAFIRIP 140
10 IPTRRHTFR QNVREEPREM PSLPRSENM IRESQLGRR KQLEDYLTKI LKMPMYRNYH ATTEFLDISQ 210
LSPIHDLGPK GIEGMIMKRS GGHRIPLNC CGQGRACYRW SKRWLVKDS FLLYMKFDSG AIAPVILVDK 280
EPKIKVGGKE TETKYGIRID NLSRTLILKC NSYRHARWNG GAIEFIQKH GTNFLKDHFP GSYAIIQENA 350
15 LAKWYVNAG YFEDVANAME EANEIIPITD WWLSPEIFLK RPVVEGNRWR LDCILKRKAQ QGVRIPIMLY 420
KEVELALGIN SEYTKRTLMR LHPNIKVMRH PDHVSSTVYL WAHHEKLVII DQSVAFVGGI DLAYGRWDDN 490
20 EHRLTDVGSV KRVTSGPSLG SLPPAAMESM ESLRLKOKNE PVQNLPIQKS IDVDVSKLKG IGKPRKPSKF 560
SLYKQLHRHM LHDADSISSI DSTSSYFNHY RSHHNLINGL KPHFKLFHPS SESEQGLTRP HADTGSIRSL 630
QTGVGELHGE TRFWHGKDYC NFVFKDWVQL DKPFADFIDR YSTPRMPWHD IASAVHGKAA RDVARHFIQR 700
25 WNFTKIMSK YRSLSYPFLL PKSQTAAHEL RYQVPGVHA NVQLLSAAD WSAGIKYHEE SIHAAYVHVI 770
ENSRHYIIE NQFFISCADD KVVFNKIGDA IAOILKAHR ENQKYRVVV IPLLPGFEGD ISTGGGNAIQ 840
30 AIMHFNRYTM CRGENSILGQ LKARLGNQWI NYISFOGLRT HASLEGNLVT ELIYVHSKLL IADDNTVIIG 910
SANINDRSM LKGRDSEMAVI VQDTETVPSV MDGKEYQAGR FARGLRQLCF RVVLGYLDPD SEDIQDPVSD 980
KPFKEVWVST AARNATIYDK VFRCLPNDEV HNLIQLRDFI NKPVLAKEDP IRAESELKKI RGPLVQPPFY 1050
35 FLSEESLLPS VGTKEAIVPM EVWT 1074

FIGURE 3A.

ATGACGGCGA CCCTGAGAG CCTCTTCCCC ACTGGGGACG AACTGGACTC CAGCCAGCTC CAGATGGAGT 70
 5 CCGATGAGGT GGACACCCTG AAGGAGGGAG AGGACCACCG CGACCAGGATG CACCCGTTTC TGGCCATCTA 140
 TGAGCTTCAG TCTCTGAAGG TGCACCCCTT GGTGTTGCGA CTTGGGGTCC CTGTACACAG CCAGGTGGTG 210
 10 GGCACCGAAA GATATACCGG OGGATCCAAG GTGGGAACCT GCACCTGTGA TTCTGTCCGC TTGACTCAGC 280
 GCGACTTTTC CTGGACAACC AAGAAGAAAT ACCGTATT TTACGAGCTG CATCGGGACC TCCTGAGACA 350
 15 AACAGAGAGA TGCCCTCTCT ACCCCGGGCA GGTCTGAGG GCTCCACCG ACATGCGACC AGCAACAGAG 490
 AATACCTGGA GAATTACCTC AACTGTCTCT TGACCATGTC TTCTATGCG AACTACCATG CCATGACAGA 560
 GTTCTCGGAA GTCACTCAGC TGTCTTTAT CCCGACTTG GGCCGCAAGG GACTGGAGGG GATGATCCGG 630
 20 AAGCGCTCAG GTGGCCACCG TGTCTCTGCG CTCACCTGCT GTGGCCGAGA CCAAGTTTGT TATCGCTGGT 700
 CCAAGAGGTG GCTGTGTGTG AAGGACTCCT TCCTGTCTGA CATGTGCCTC GAGACAGGTG CCATCTCATT 770
 25 TGTTCAGCTC TTTGACCCTG GCTTTGAGGT GCAAGTGGGG AAAAGGAGCA CGAGGCCACG GCACGCGCTG 840
 CGGATCGATA COTCCACAGG GTCTTGTGAT CTCAGTGCA GCAGCTACCG CGAGGCGACG TGTGTGGGCC 910
 30 AAGAGATCAC TGAOCTGGCA CAGGGCCGAG GCAGAGACTT CCTACAGCTG CACCGCGATG ACAGCTACCG 980
 CCAACCCCGG CTTGGGACCT TGGCCCGGTG GTTTGTGAAT GGGGCGAGTT ACTTTGCTGC TGTGGCAGAT 1050
 GCATCTCTCT GAGCTCAAGA GGAGATTTTC ATCACAGACT GGTGTGTGAG TCCTGAGGTT TACCTGAAGC 1120
 35 GTCCGGCCCA TTCAGATGAC TGGAGACTGG ACATTATGCT CAAGAGGAAG GCGGAGGAAG GTGTCCGTGT 1190
 GTCTATTCTG CTGTTTAAAG AAGTGAATT GGCTTGGGC ATCAACAGTG GCTATAGCAA GAGGGCGCTG 1260
 40 ATGCTGCTGC ACCCCAAAT AAGGTGATG CGTCAACCAG ACCAAGTGAC GTTGTGGGCC CATCATGAGA 1330
 AGCTCTCTGT GGTGAGCAAA GTGTAGCAT TCCTGGGGGG ACTGGACCTT GCCTATGGCC GCTGGGATGA 1400
 CCTGCACTAC CGACTGACTG ACCTTGAGA CTCCTCTGAA TCAGCTGCTT CCAGCTCTCC CACCCGCGCG 1470
 45 CCAGACTCAC CAGCCACCCC AGACTCTCT CACAACCAAT TCTTCTGGCT GGGCAAGGAC TACAGCAATC 1540
 TTATCAACAA GGACTGGGTG CAGCTGGACC GGCCTTTGGA AGATTTCATT GACGAGGAGA CGACCCCTCG 1610
 GATGCCATGG CGGAGCTTG GGTGTGCTGT CCATGGCCTA CCGGCCCGGG ACCTTGCCCG GCATCTATC 1680
 50 CAGCGCTGGA ACTTCACCAA GACCACCAAG GCCAAGTACA AGACTCCCAT ATACCCCTAC CTGCTTCCCA 1750
 AGTCTACCAAG CAGCGCAAT CAGCTCCCTT TCACACTTCC AGGAGGGCAG TGCACCAACG TACAGTCTT 1820
 55 GCGATCAGTG GACCGCTGCT CAGCAGGGAC TCTGAGAAAC TCCATCTCA ATGCTTACCT GCACACCAT 1890
 AGGGAGAGCC AGCACTCTCT CTACATTGAG AATCAGTTCT TCATTAGCTG CTCAGATGGG CGAGCGGTC 1960
 60 TGAACAAGGT GGGCGATGG ATTGTGGACA GAATCTGAA GGCCCAAAA CAGGGGTGCT GTTACCGAGT 2030
 CTACGTGCTT TTGCCCTTAC TCCCTGGCTT CGAGGGTGAC ATCTCCACGG GCGGTGGCAA CTCATCCAG 2100
 GCGATTCTGC ACTTTACTTA CAGGACCCTG TGTGTGGGG AGTATTCAAT CTGTGATCGC CTTAAGAGAG 2170
 65 CCATGGGGAG AGCATGGCGG GACTATATTT CCATCTGGG GCTTGTGACA CAGCGAGAGC TGGCGGGGCA 2240
 CCGCGTCTCG GAGCTCATCT ACATCCACAG CAGGTGCTC ATCGCAGATG ACCGAGACAT CATCATGCT 2310
 70 TCTGCAAAAC TCAATGACCG GAGCTTGCTG GGGAGCGGG ACAGTGAGCT GGCCTGCTG ATCGAGGACA 2380
 CAGAGACGGA ACCATCCCTC ATGAATGGGG CAGAGTATCA GCGGGCAGG TTTGCTTGA GTCTGCGGAA 2450
 GCACGTCTTC GGTGTGATTC TTGGAGCAAA TACCCGGCCA GACTTGGATC TCCGAGACCC CATCTGTGAT 2520

FIGURE 3B.

5 GACTTCTTCC AGTTGTGGCA AGACATGGCT GAGAGCAACG CCAATATCTA TGAGCAGATC TTCGGTGGCC 2590
TGCCATCCAA TGCCACGGST TCCCTGCGGA CTCTCGGGA GTACGTGGCC GTGAGGCCCT TGGCCACGGT 2660
CAGTCCCCC TTGGCTCGGT CTGAGCTCAC CCAGSTCCAG GGCCACCTGG TCCACTTCCC CCTCAGTTC 2730
10 CTAGAGGATG AGTCTTTGCT GCCCCGCTG GGTAGCAAGG AGGGCATGAT CCCCCTAGAA GTGTGACAT 2800
AG 2802

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FIGURE 4.

5 MTATPESILFP TGDELDSSQL QMESDEVDTL KEGEDPADRM HPFLAIYELQ SLKVHPLVFA PGVPVTAQVV 70
GTERYTSQSK VGTCTLYSVR LTHGDFSMTT KKKYRHQEL HRDLLRHKVL MSLPLARFA VAYSPARDAG 140
10 NREMPSLPRA GPEGSTRHAA SKQKYLENYL NCLLTMSFYR NYHAMTEFLE VSQLSFIPDL GRKGLEGMR 210
KRSGGHRVPG LTCCORDQVC YRMSKRMLVV KDSFLLYMCL ETGAISFVQL FDPGFEVQVG KRSTEARGHV 280
RIDTSHRSLI LKCSSYRQAR WWAQEITELA QGPGRDFLQL HRHDSYAPPR PGTILARWFMV GAGYFAAVAD 350
15 AILRAQEEIF ITDWNLSPEV YLKRPAHSDD WRLOIMLKRR AEEGVRVSIL LPKEVELALG INSGYSKRAL 420
MLLHPNIKVM RHPDQVTILMA HHEKLLVVDQ VVAFLGGLDL AYGRNDDLHY RLTDLGDSSE SAASQPPTPR 490
PDSPATPDLS HMQFFWLKGD YSNLITKDWV QLDRPFEDFI DRETTPRMPV RDVGVVVHGL PARDLARHFI 560
20 QRWNFTKTK AKYKTIYPY LLPKSTSTAN QLPPTLPGGQ CTTVQVLRV DRWSAGTLEN SILNAYLHTI 630
RESQHPLYIE NQFFISCSGD RTVLNKGDE IVDRIKAKH QGWCYRVYVL LPLLPGEFGD ISTGGGNSIQ 700
25 AILHFTYRTL CRGEYSILHR LKAAMGTAWR DYISICGLRT HGELGGHPVS ELIYIHSKVL IADDRTVIIG 770
SANINDRSLI GKRDSSELAVL IEDTETEPSL MNGAEYQAGR FALSIRKHCF GVILGANTRP DLDRDPICD 840
DFFQLWQDMA ESNANIYEQI FRCLPSNATR SLRTLREYVA VEPLATVSPP LARSELTQVQ GHLVHPLKF 910
30 LEDESILLPL GSKEGMIFLE VMT 933

FIGURE 5.

ATGAAGCCTA AACTGATGTA CCAGGAGCTG AAGGTGCTG CAGAGGAGCC CGCCAATGAG CTGCCCATGA 70
 ATGAGATTGA GGCGTGGAA GCTGCGGAAA AGAAAGCCCG CTGGGTCTG CTGGTCTCTA TTCTGGCGGT 140
 TGTGGGCTTC GGAGCCCTGA TGACTCAGCT GTTCTATGG GAATAAGGCG ACTTGCACTT CTTTGGGCCC 210
 AACCAAGGCC CAGCCCCCTG CTATGACCCT TGCGAAGCAG TGCTGGTGA AAGCAITCCT GAGGGCCTGG 280
 ACTTCCCCAA TGCTCCACG GGGAAACCTT CCACCAGCCA GGCTTGGCTG GGCCTGCTCG CCGTGGCGA 350
 CAGCAGCCTG GACATCGCCT CTTCTACTG GACCTCACC AACAAAGACA CCCACACGA GGAGCCCTCT 420
 GCCCAGCAGG GTGAGGAGGT CCTCCGGCAG CTGCAGACCC TGGCACCAA GGGCGTGAAC GTCCGCATCG 490
 CTGTGAGCAA GCCCAGCGGG CCCAGGCCAC AGGCGGACCT GCAGGCTCTG CTGCAGAGCG GTGCCAGATG 560
 CCGCATGGTG GACATGCAGA AGCTGACCCA TGGCGTCTG CATACCAAGT TCTGGGTGGT GGACCAGACC 630
 CACTTCTACC TGGGCAGTGC CAACATGAGC TGGCGTTTAC TGACCAAGAT CTTTGAGGCC TACTGGTTCC TGGGCCAGGC 770
 TGTCAACTG CAGCTGCCTG GCTCGAGACC TGACCAAGAT CTTTGAGGCC TACTGGTTCC TGGGCCAGGC 770
 AGGCAGCTCC ATCCCATCAA CTGGCCCCG GTTCTATGAC ACCCGCTACA ACCAAGAGC ACCAATGGAG 840
 ATCTGCCTCA ATGGAACCCC TGCTCTGGCC TACCTGGCGA GTGCGCCCCC ACCCGTGTG CCAATGGCC 910
 GCACTCCAGA CCGAAGGCT CTACTCAAG TGGTGGACAA TGCCCGGAGT TTCATCTAG TCGCTGTCTAT 980
 GAACCTACTG CCCACTCTGG AGTTCTCCCA CCCTCAGAG TTCTGGCTG CCAATTGACGA TGGGCTGCGG 1050
 CGGGCCACCT ACGAGCGTGG CGTCAAGGTG CGCTGTCTCA TCAGCTGCTG GGGACACTCG GAGCCATCCA 1120
 TGGCGGCCCT CCGCTCTCT CTGGCTGCCC TGGGTGACAA CCATACCCAC TCTGACATCC AGGTGAAACT 1190
 CTTTGTGGTC CCGCGGATG AGGCCAGGC TCGAATCCCA TATGCCCGTG TCAACCAACA CAAGTACATG 1260
 GTGACTGAAC GCGCCACCTA CATCGGAACC TCCAATGGT CTGCAACTA CTTACGGAG ACGGCCGGCA 1330
 CCTCGCTGCT GGTGACGAG AATGGGAGG GCGGCTGCG GAGCCAGCTG GAGGCCATT TCTGAGGGA 1400
 CTGGGACTCC CCTTACAGCC ATGACCTTGA CACCTCAGCT GACAGCGTGG GCAACGCTG CCGCTGCTC 1470
 TGA 1473

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FIGURE 6.

5 MKPKLMYQEL KVPAAEEPANE LPMNEIEAWK AAEKKARWVL LVLILAVVGF GALMTQLFLW 60
EYGDHLHFGP NQRPAFCYDF CEAVLIVESIP EGLDFPNAST GNPSTSQAWL GLLAGAHSSL 120
DIASFYWTLT NNDTHTOEPS AQQGEVLRQ LQTLAPKGVN VRIAVSKPSG PQPADLQAL 180
LQSGAQVRMV DMQKLTHGVL HTKFWVVDQT HFYLGSAAMD WRSLTQVKEL GVVMYNCSSL 240
ARDLTKIFEA YNFLGQAGSS IPSTWPRFYD TRYNETPME ICLNGTPALA YLASAPPPIC 300
PSGRTDPLKA LLNVVDNARS FIYVAVMNYL PTLEFSHPHR FWPAIDDLRLR RATYERGVKV 360
10 RLLISCWGHG EPSMRAFLLS LAALRDNHHT SDIQVKLFVV PADEAQAQIP YARVNHMKYM 420
VTERATYIGT SNWSGNYFTE TAGTSLLVTO NGRGGLRSQL EATFLRDWDS PYSHDLDTSA 480
DSVGNACRLL 490

FIGURE 7.

ATGAAGCCTA AACTGATGTA CCAGGAGCTG AAGTTCTCTG TTGAGGAACC TGCGGGAGAA CTGCCCATGA 70
 5 ATGAAATCGA GGCAATGGAAG GCAGCAGAGA AGAAAGCCCG TTGGGTCTCT CTGTGCTTAA TCCTGGCGGT 140
 AGTGGGCTTC GGTGCCCTGA TGACTCAGCT GTTCTATGG GAATACGGGG ACTTACATCT ATTTGGCCCG 210
 10 AATCAGCACCC CAGCCCCCTG CTATGACCCC TGCGAGGCGG TGCTGTGGA GAGCAATCCC GAGGGGCTGG 280
 AGTTTCCCAA TGCCACCACA AGCAACCCCT CCACCAGCCA GGCTGTGTTG GGCTCCTTGG CCGGTGCTCA 350
 CAGCAGCCTG GACATGGCGT CCTTCTACTG GACTCTCACA AACATGATA CCCACACGCA AGAGCCCTCT 420
 15 GCCCAGCAGG GTGAAGAAGT TCTTCAGCAG CTTCAGGCTC TGGCACCTCG AGGTGTAAAG GTTCGCTATG 490
 CTGTGAGCAA ACCCAACGGA CCTCTGGCTG ATCTGCAGTC TCTGTACAG AGTGTGCCCC AGGTGCGCAT 560
 GGTGGACATG CAGAAGCTGA CCCATGGTGT CCTGCACACC AAGTTCTGGG TGGTGACCA GACCCACTTT 630
 20 TACTCTGGGA GTGCCAACAT GGACTGGCGA TCGCTGACCC AGGTCAAGGA GCTGGGCGTG GTCATGTACA 700
 ACTGCAGCTG CCTGGCTCGC GACCTCACA AGATTTTGA AGCCTATTGG TTCTGGGCC AGGCAGGCAG 770
 25 CTCATCCCT TCAACCTGGC CACGGCCCTT TGACACCCGG TACAACCAAG AAACAACCAT GGAGATCTGC 840
 CTCATGGCA CCCAGCCCT GGCTTACTG GCGAGTGCA CCCCACCCT GTGTCCAGT GGCAGCACCC 910
 CAGACCTGAA GGCAGTGCTC AGCGTGGTGG ACAACGCCCG AAGCTTCATC TACATTGCAG TTATGAACTA 980
 30 CCTGCCCACC ATGGAGTTCT CCCATCCAG CAGGTTCTGG CCAGCGATTG ATGATGGGCT AAGACGGGCT 1050
 GCGTATGAAC GAGGCGTCAA AGTGGGTTG CTCATCAGCT GCTGGGACA CTCGAGCCA TCCATGCGGT 1120
 35 CCTTCTGCT CTCCTGGGT GCCCTCGTG ACAACCATC CCACTCTGAC ATCAGGTGA AACTGTTTGT 1190
 GGTCCCTGGG GATGAGGCC AAGCTCGAAT CCCCTATGCC CGGTCACCC ACAACAAGTA CATGGTGACT 1260
 40 GAACGCACCA CATACATTGG AACCTCCAAC TGGTCTGGAA GCTACTTCAC AGAGACGGCA GGCACCTCCC 1330
 TGCTGTGAC ACAGAACGGG CACGTTGGCT TGCGCAGCCA GCTGGAGGCT GTTTTCCTGA GAGACTGGGA 1400
 ATCCCATCAT AGCCACAACC TTGACACCTC AGCCGACAGT GTGGCAATG CCTGCCCTCT GCTTTGA 1467

FIGURE 8

5 MKPKLMYQEL KVPVEEPAGE LPMNEIEAWK AAEKKARWVL LVLILAVVGF GALMTQLFLW EYGDHLFGP 70
NQHPAPCYDP CEAVLVESIP EGLEFPNATT SNFSTSQAWL GLLAGAHSSL DIASFYWTLT NNDTHQTQPS 140
10 AQQGSEVLQQ LQALAPRGVK VRIAVSKPNG PLADLQSLQ SGAQVRMVDK QKLTHGVLIAT KFWVVDQTHF 210
YLGSAHMDWR SLTQVKELGV VMYNCCLAR DLTKIFEAYW FLGQAGSSIP STWPRPFDTN YNQETPMEIC 280
LNGTPALAYL ASAPPPLCPG GRTPDLKALL SVVDNARSFI YIAVMNYLPT MEFSHPRRFW PAIDDLRRA 350
15 AYERGKVKRL LISCWGHSEP SMRSFLLSLA ALRDNHHTSD IQVKLFVVPA DEAQARIPYA RVNHNKYMVT 420
ERTTYIGTSN WSGSYFTETA GTSLLVTQNG HGGLRSQLEA VFLRDWESPY SHNLDTSADS VGNACRL 488

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